

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)	Examiner: M. Marks
CARY L. QUEEN <u>ET AL.</u>)	Art Unit: 185
Serial No.: 07/310,252)	<u>PRELIMINARY AMENDMENT</u>
Filed: February 13, 1989)	<u>AND RESPONSE TO</u>
For: DESIGNING IMPROVED)	<u>RESTRICTION REQUIREMENT</u>
HUMANIZED IMMUNOGLOBULINS)	San Francisco, CA 94105

Commissioner of Patents
and Trademarks
Washington, D. C. 20231

Sir:

IN THE CLAIMS

Please amend claim 1 as follows:

1. (Amended) A method of [designing] preparing a humanized immunoglobulin (Ig) chain having one or more complementarity determining regions (CDR's) from a donor Ig and a framework region from a human Ig, said method comprising: comparing the framework or variable region amino acid sequence of the donor Ig with corresponding sequences in a collection of human Ig chains; [and] selecting to provide the human Ig framework one of the about three most homologous sequences from the collection; and producing the humanized Ig chain comprising framework amino acids from the selected human Ig chain.

REMARKS

In response to the Examiner's requirement for election and restriction, Applicants hereby provisionally elect Group I consisting of claims 1-6, 8-11 and 17-23, but traverse the requirement as to Groups II (claims 7, 12-15) and III (claims 16-24-28).

Applicants' attorney was first made aware of the existence of a written restriction requirement in a telephone conversation with Examiner Marks on or about May 17, 1990. Applicants' attorney has never received the official office action in this case